

US EPA ARCHIVE DOCUMENT

WATERKEEPER ALLIANCE

EPA Freshwater Spills Symposium

April 28, 2009

Our History



National Alliance of River, Sound & Bay Keepers 1993



Waterkeepers Around the World

Alabama

Black Warrior Riverkeeper
Cahaba Riverkeeper
Chocomahee Riverkeeper
Hurricane Creekkeeper
Mobile Baykeeper

Alaska

Cook Inletkeeper
Prince William Soundkeeper

Arizona

Black Mesa Waterkeeper

California

Baykeeper
California Coastkeeper
Albino
Humboldt Baykeeper
Inland Empire Waterkeeper
Klamath Riverkeeper
Montana Coastkeeper
Orange County Coastkeeper
Russian Riverkeeper
San Diego Coastkeeper
San Francisco Baykeeper
San Luis Obispo (SLO)
Coastkeeper
Santa Barbara Channelkeeper
Santa Monica Baykeeper
Ventura Coastkeeper

Colorado

Alamosa Riverkeeper
Animas Riverkeeper

Connecticut

Long Island Soundkeeper

Florida

Apalachicola Riverkeeper
Emerald Coastkeeper
Indian Riverkeeper
St. John's Riverkeeper

Georgia

Altamaha Coastkeeper
Altamaha Riverkeeper
Flint Riverkeeper
Ogeechee-Canoe Creek
Riverkeeper
Satilla Riverkeeper
Savannah Riverkeeper
Upper Chattahoochee
Riverkeeper
Upper Coosa Riverkeeper

Idaho

Silver Valley Waterkeeper

Indiana

Wabash Riverkeeper

Kansas

Kansas Riverkeeper

Kentucky

Kentucky Riverkeeper

Louisiana

Atchafalaya Basinkeeper
Louisiana Bayoukeeper
Lower Mississippi
Riverkeeper
Ouachita Riverkeeper

Maine

Casco Baykeeper

Maryland

Assateague Coastkeeper
Baltimore Harbor
Waterkeeper
Chesapeake Riverkeeper
Choptank Riverkeeper
Patuxent Riverkeeper
Sassafras Riverkeeper
Susquehanna Riverkeeper
South Riverkeeper
West Rhode Riverkeeper Inc.

Massachusetts

Buzzards Baykeeper
Housatonic Riverkeeper
Nantucket Soundkeeper

Michigan

Detroit Riverkeeper
Grand Traverse Baykeeper
St. Clair Channelkeeper
Yellow Dog Riverkeeper

Minnesota

Turkey Creekkeeper

Missouri

St. Louis Confluence
Riverkeeper

New Jersey

Hudson Riverkeeper
New York/New Jersey
Baykeeper
Raritan Riverkeeper

New York

Buffalo Niagara Riverkeeper
Hudson Riverkeeper
Lake George Waterkeeper
Raconic Baykeeper
Upper St. Lawrence
Riverkeeper

North Carolina

Cape Fear Coastkeeper
Cape Fear Riverkeeper
Cape Hatteras Coastkeeper
Cape Lookout Coastkeeper
Catawba Riverkeeper
French Broad Riverkeeper
Haw Riverkeeper
Lower Neuse Riverkeeper
Pamlico-Tar Riverkeeper
Upper Neuse Riverkeeper
Upper Watauga Riverkeeper
Yadkin Riverkeeper
White Oak New Riverkeeper

Ohio

Western Lake Erie
Waterkeeper

Oklahoma

Grand Riverkeeper, Oklahoma

Oregon

Columbia Riverkeeper
Rogue Riverkeeper
Tualatin Riverkeepers
Willamette Riverkeeper

Pennsylvania

Delaware Riverkeeper
Lower Susquehanna
Riverkeeper
Youghiogheny Riverkeeper

Puerto Rico

Vieques Waterkeeper

Rhode Island

Narragansett Baykeeper
South County Coastkeeper

South Carolina

Charleston Waterkeeper
Congaree Riverkeeper
Waccamaw Riverkeeper
Santee Riverkeeper

Texas

Galveston Baykeeper

Canada

Canadian Detroit Riverkeeper
Fraser Riverkeeper
Fundy Baykeeper
Georgian Baykeeper
Grand Riverkeeper, Labrador
Lake Ontario Waterkeeper
Ottawa Riverkeeper
Petitcodiac Riverkeeper, Inc./
Santimé de la Rivière
Petitcodiac, Inc.

Utah

Colorado Riverkeeper

Vermont

Lake Champlain Lakekeeper

Virginia

Blackwater/Nottoway
Riverkeeper
James Riverkeeper
Shenandoah Riverkeeper
Upper James Riverkeeper
Virginia Eastern Shorekeeper

Washington

North Sound Baykeeper
Puget Soundkeeper

Washington, DC

Anacostia Riverkeeper
Potomac Riverkeeper, Inc.

Wisconsin

Milwaukee Riverkeeper

West Virginia

West Virginia Headwaters
Waterkeeper

Argentina

Parana Waterkeeper

Bolivia

Choqueyapu Riverkeeper

Brazil

Guaraná Baykeeper

Colombia

Bogotá Riverkeeper
Cartagena Baykeeper
Colombian Amazonia
Waterkeeper
Jordan Riverkeeper
Meta Riverkeeper

Mexico

Bahía de Los Angeles
Coastkeeper
La Paz Coastkeeper
Loreto Coastkeeper
Los Cabos Coastkeeper
Magdalena Baykeeper
Mexico Valley Waterkeeper
Punta Abasco Coastkeeper

Peru

Barris Riverkeeper

Bangladesh

Buriganga Riverkeeper

China

Beijing North Canal Waterkeeper
Middle Han Waterkeeper

Czech Republic

Morava Riverkeeper

England

London Canalkeeper

India

Ganga Riverkeeper Lower Basin
Ganga Riverkeeper Mid Lower Basin
Ganga Riverkeeper Mid Upper Basin
Ganga Riverkeeper Upper Basin
Lower Ganga Riverkeeper
Lower Kosi Riverkeeper
Upper Kosi Riverkeeper
Upper Kosi Riverkeeper
Yamuna Riverkeeper Downstream Basin
Yamuna Riverkeeper Mid-Downstream
Yamuna Riverkeeper Mid-Upstream
Yamuna Riverkeeper Upstream Basin

Australia

Achraf Riverkeeper
Alpine Riverkeeper
Arvon Riverkeeper
Barwon Riverkeeper
Bramble Bay Waterkeeper
Coorong, Lakes and Murray
Waterkeeper
Mimosa Waterkeeper
Port Phillip Baykeeper
Safety Beach Waterkeeper
Snowy Estuarykeeper
South Beach Waterkeeper
Sung Riverkeeper
Upper Hunter Waterkeeper
Upper Snowy Waterkeeper
Waterkeepers Australia
Wentworth Riverkeeper
Yarra Riverkeeper
Yarrumbidgee Creekkeeper

Nepal

Bagmati Riverkeeper

Russia

Amur Riverkeeper
Baikal Lakekeeper
Baltic Sea Waterkeeper
Caspian Sea Waterkeeper
Yorn Riverkeeper
Volga Riverkeeper
Vyatka Riverkeeper

Senegal

Hann Baykeeper

Waterkeeper Alliance is the most effective advocate for clean water because we act locally and organize globally. Waterkeepers are on patrol in nearly 200 watersheds around the world — standing up to polluters and enforcing your right to clean water.



WATERKEEPER ALLIANCE











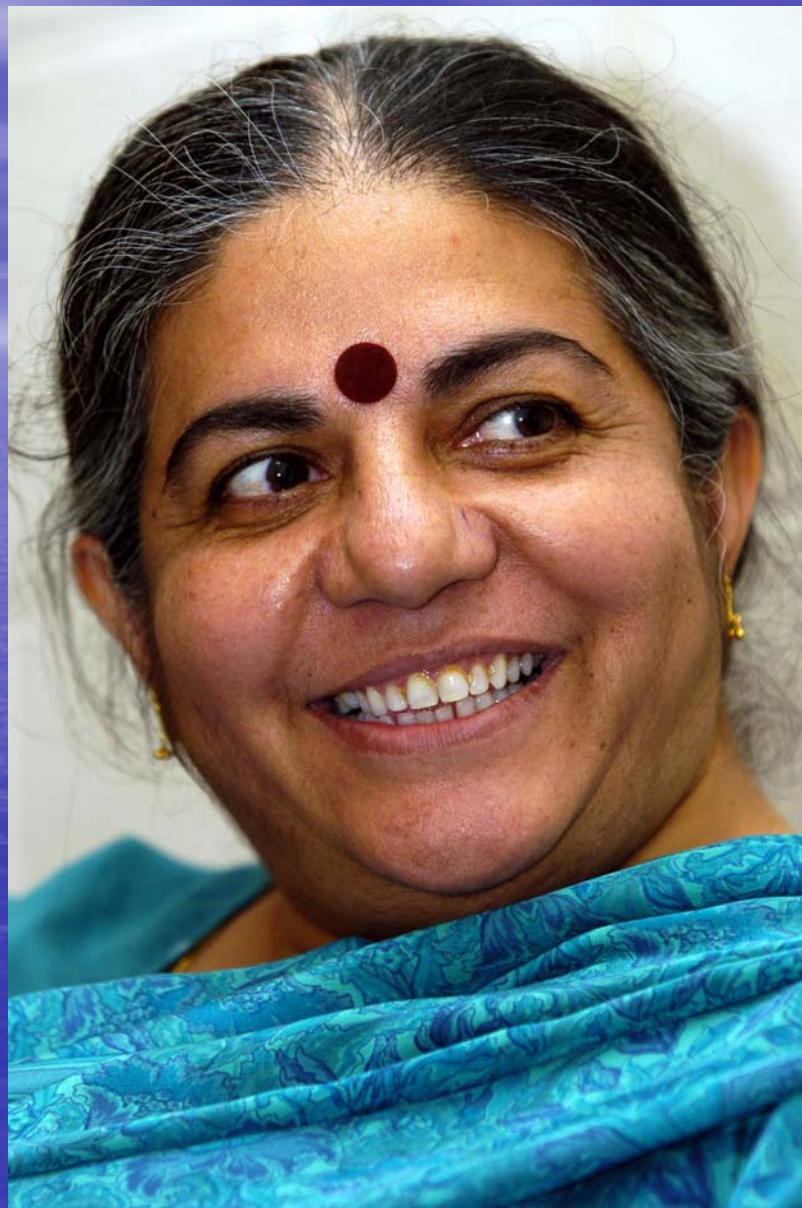




Photo: [Erica Burrus](#)





AP Photo/John Gaps III



Photo Prentice Danner, USCG



Defending Liability

- Deny Fault
- Applaud Response
- Alleviate Concern
- Divert Attention













Recommendations

- Contain Spills Immediately and Effectively
 - Equip and train local officials to take immediate steps to protect sensitive shorelines.
 - Fund the development of better technology to contain spills at the source and protect sensitive habitat.

- Create an Information flow between Response Commanders and Local Responders
 - Establish better two-way communication practices between the Coast Guard and local sources
 - Create systems to collect pertinent local information (sensitive habitat, spill spread)
 - Continuous updates to locals (not 4 hours)
 - Utilize all new technology to gather and share info.

- Integrate Local Officials

- Include a local representative on the Unified Command

- highly-trained local personnel should be pre-identified for appropriate ICS positions in future oil spill responses.
 - local agencies, non-governmental organizations and other stakeholders are strongly encouraged to become – and remain – active in the Area Contingency Planning process.

It is human nature. People want to help, but they often don't know how or aren't allowed.



Chronicle / Michael Macor

- Basic Spill Response Training – Short of Hazwoper or First Responder. In advance.
- Like Coast Guard Auxiliary. Don't have to get a six-pack or a masters license.
- Like CPR training. Don't have to be an EMT to help.
- Lack of involvement leads to suspicion, anxiety, distrust.
- Might actually get some good ideas and information.
- Doing it anyway: "Only volunteers with a Cosco Busan Disaster Service Worker Identification Card will be permitted to participate in this beach clean-up activity."

Proper Cleanup Incentives

- To respond quickly, not rack up billable hours.
- To use best technology, not old inventory
- Insurance companies are incentivized.
 - Reduce insurance premiums for best actors
 - Pre-approve OSROs?
 - Local labor for low grade help.

Enforcement

- Must Internalize costs the same way they internalize profits.
- Let the Fine fit the Crime. Must deter bad conduct. Exxon – 20 years in court. \$500 million punitive; \$45.22 billion in profits.

TVA











CAFOs





SEWAGE



- From the Milwaukee Journal/Sentinel, May, 2004:

Photo credit:
Butch Jorgensen,
photo-journalist,
WTMJ-TV

HABITAT PROTECTION









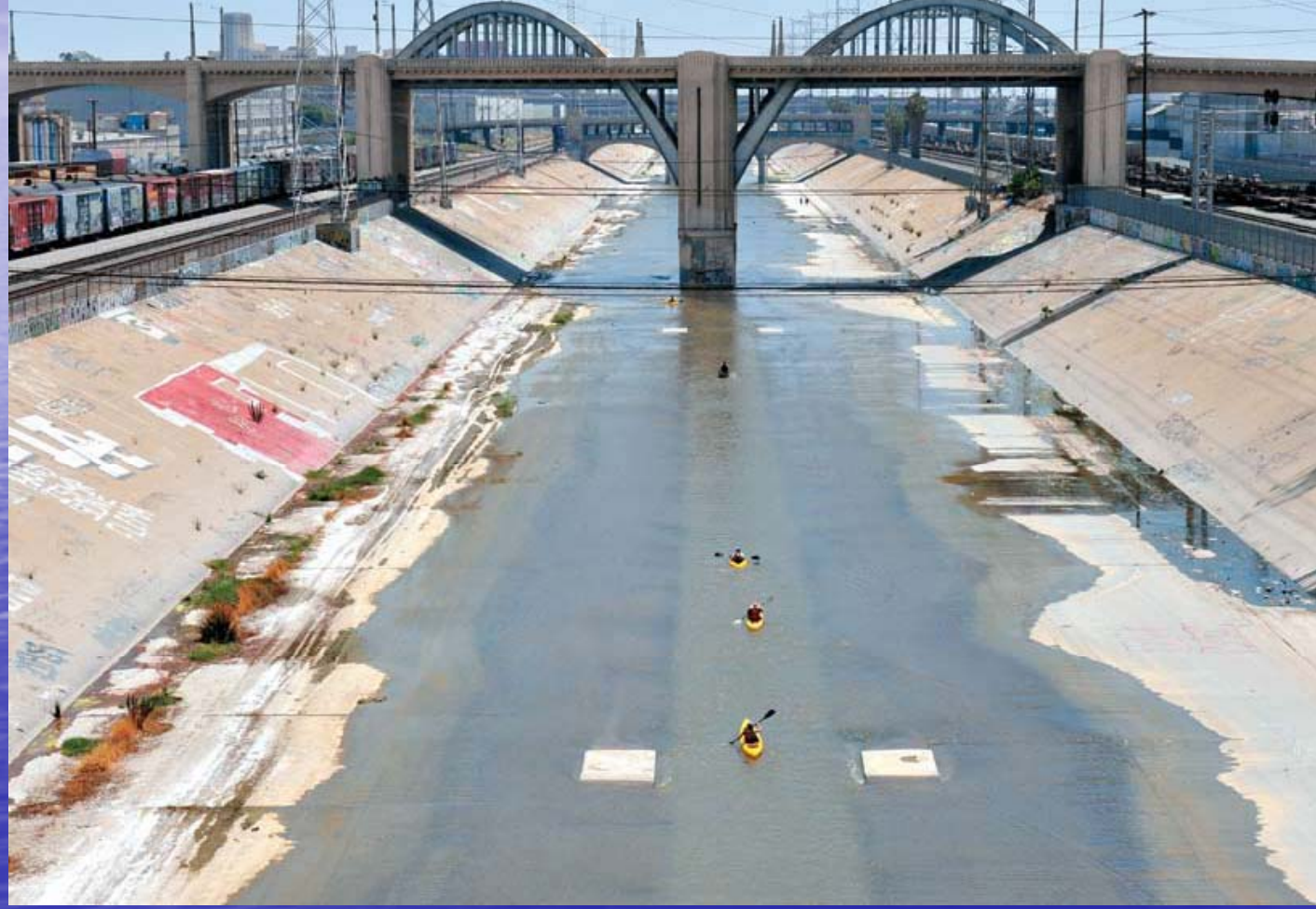




Why Kill A Tree To Grow A Flower?



Photo: Tom Andrews



ADVOCACY



RESTORATION







